



SEQUENCE LISTING

<110> Technische Universität Dresden

<120> Polynucleotides Targeted Against Htert and Use Thereof

<130> 101215-189-2

<140> 10/537,449

<141> 2003-12-08

<160> 18

<170> PatentIn Ver. 2.1

<210> 1

<211> 75

<212> DNA

<213> Homo sapiens

<220>

<221> mRNA

<222> (1)..(75)

<223> subunit 2176-2250 of hTERT

<307>

<308> AF015950

<309> AUG 1997

<400> 1

ctttgtcaag gtggatgtga cgggcgcgta cgacaccatc ccccaggaca ggctcacgga 60
ggtcacgcc agcat 75

<210> 2

<211> 98

<212> DNA

<213> Homo sapiens

<220>

<221> mRNA

<222> (1)..(98)

<223> subunit 2296-2393 of hTERT

<307>

<308> AF015950

<309> AUG 1997

<400> 2

ccagaaggcc gcccatgggc acgtccgcaa ggcttcaag agccacgtct ctaccttgac 60
agacctccag ccgtacatgc gacagttcgt ggctcacc 98

<210> 3
<211> 23
<212> DNA
<213> Homo sapiens

<220>
<221> mRNA
<222> (1)..(23)
<223> subunit 2183-2205 of hTERT

<307>
<308> AF015950
<309> AUG 1997

<400> 3
aaggtggatg tgacggg'gcgc gta

23

<210> 4
<211> 20
<212> DNA
<213> Homo sapiens

<220>
<221> mRNA
<222> (1)..(20)
<223> subunit 2206-2225 of hTERT

<307>
<308> AF015950
<309> AUG 1997

<400> 4
cgacaccatc ccccaggaca

20

<210> 5
<211> 20
<212> DNA
<213> Homo sapiens

<220>
<221> mRNA
<222> (1)..(20)
<223> subunit 2315-2334 of hTERT

<307>
<308> AF015950
<309> AUG 1997

<400> 5

cacgtccgca aggccttcaa

20

<210> 6

<211> 20

<212> DNA

<213> Homo sapiens

<220>

<221> mRNA

<222> (1)..(20)

<223> subunit 2317-2336 of hTERT

<307>

<308> AF015950

<309> AUG 1997

<400> 6

cgtccgcaag gccttcaaga

20

<210> 7

<211> 23

<212> DNA

<213> Homo sapiens

<220>

<221> mRNA

<222> (1)..(23)

<223> subunit 2324-2346 of hTERT

<307>

<308> AF015950

<309> AUG 1997

<400> 7

aaggccttca agagccacgt ctc

23

<210> 8

<211> 20

<212> DNA

<213> Homo sapiens

<220>

<221> mRNA

<222> (1)..(20)

<223> subunit 2331-2350 hTERT

<307>

<308> AF015950

<309> AUG 1997

<400> 8
tcaagagcca cgtctctacc 20

<210> 9
<211> 20
<212> DNA
<213> Homo sapiens

<220>
<221> mRNA
<222> (1)..(20)
<223> subunit 2333-2352 of hTERT

<307>
<308> AF015950
<309> AUG 1997

<400> 9
aagagccacg tctctacctt 20

<210> 10
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> hTERT-AS AStel 2206-2225

<307>
<308> AF015950
<309> AUG 1997

<400> 10
tgtcctgggg gatggtgtcg 20

<210> 11
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> hTERT-AS AStel 2315-2334

<307>
<308> AF015950
<309> AUG 1997

<400> 11
ttgaaggcct tgcggacgtg 20

<210> 12
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> hTERT-AS AStel 2317-2336

<307>
<308> AF015950
<309> AUG 1997

<400> 12
tcttgaaggc cttgcggacg

20

<210> 13
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> hTERT-AS AStel 2331-2350

<307>
<308> AF015950
<309> AUG 1997

<400> 13
ggtagagacg tggctcttga

20

<210> 14
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> hTERT-AS AStel 2333-2352

<307>
<308> AF015950
<309> AUG 1997

<400> 14
aaggtagaga cgtggctctt

20

<210> 15
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> NS-K2

<300>
<308> AF015950
<309> AUG 1997

<400> 15
cagtctcagt actgaagctg 20

<210> 16
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> NS-K3

<300>
<308> AF015950
<309> AUG 1997

<400> 16
cagcttcagt actgagactg 20

<210> 17
<211> 501
<212> DNA
<213> Homo sapiens

<220>
<221> mRNA
<222> (1)..(501)
<223> subunit 2000-2500 of hTERT

<300>
<308> AF015950
<309> AUG 1997

<400> 17
aagagggccg agcgtctcac ctcgaggggtg aaggcactgt tcagcgtgct caactacgag 60
cgggcgcggc gccccggcct cctggggcgcc tctgtgctgg gcctggacga tatccacagg 120
gcctggcgca ccttcgtgct gcgtgtgctg gccaggacc cgccgcctga gctgtacttt 180
gtcaaggtgg atgtgacggg cgcgtacgac accatcccc aggacaggct cacggagggtc 240
atgccagca tcatcaaacc ccagaacacg tactgcgtgc gtcggtatgc cgtggtccag 300
aaggccgccc atgggcacgt ccgcaaggcc ttcaagagcc acgtctctac cttgacagac 360
ctccagccgt acatgcgaca gttcgtggct cacctgcagg agaccagccc gctgagggat 420
gccgtcgtca tcgagcagag ctccctccctg aatgaggcca gcagtggcct cttcgacgtc 480
ttcctacgct tcatgtgcc c 501

<210> 18
<211> 4015
<212> DNA
<213> Homo sapiens

<220>
<221> mRNA
<222> (1)..(4015)
<223> hTERT

<300>
<308> AF015950
<309> AUG 1997

<400> 18
gcagcgctgc gtcctgctgc gcacgtggga agccctggcc ccggccaccc ccgcatgcc 60
gcgcgctccc cgctgccgag ccgtgcgctc cctgctgcgc agccactacc gcgaggtgct 120
gccgctggcc acgttcgtgc ggcgcctggg gcccaggggc tggcggtgg tgcagcgcg 180
ggaccggcg gctttccgcg cgtggtggc ccagtgcctg gtgtgcgtgc cctgggacgc 240
acggccgccc ccgccgccc cctccttcg ccaggtgtcc tgctgaagg agctgggtggc 300
ccgagtgtcg cagaggtgtg gcgagcgcg cgcaagaac gtgctggcct tcggcttcgc 360
gctgctggac ggggcccgcg ggggcccccc cgaggccttc accaccagcg tgcgcagcta 420
cctgcccaac acggtgaccg acgcactgcg ggggagcggg gcgtgggggc tgctgctgcg 480
ccgctggggc gacgacgtgc tggttcacct gctggcacgc tgcgcgctct ttgtgctggt 540
ggctcccagc tgcgcctacc aggtgtgcgg gccgcgctg taccagctcg gcgctgccac 600
tcaggccccg cccccgccac acgctagtgg accccgaagg cgtctgggat gcgaacgggc 660
ctggaaccat agcgtcaggg aggcgggggt cccctggggc ctgccagccc cgggtgcgag 720
gaggcgcggg ggcagtgcc a gccgaagtct gccgttgccc aagaggccca ggcgtggcg 780
tgccctgag ccggagcgga cgcctgtgg gcaggggtcc tggggccacc cgggcaggac 840
gcgtggaccg agtgaccgtg gtttctgtgt ggtgtcacct gccagaccgc ccgaagaagc 900
cacctctttg gagggtgcgc tctctggcac gcgccactcc caccatccg tgggcccga 960
gcaccacgcg ggccccccat ccacatcgcg gccaccacgt cctggggaca cgccttgtcc 1020
ccggtgttac gccgagacca agcacttcc ctactcctca ggcgacaagg agcagctgcg 1080
gccctccttc ctactcagct cctctgaggc cagcctgact ggcgctcgga ggctcgtgga 1140
gaccatcttt ctgggttcca ggccctggat gccagggact ccccgagggt tgccccgcct 1200
gccccagcgc tactggcaaa tgcggcccct gtttctggag ctgcttggga accacgcgca 1260
gtgcccctac ggggtgctcc tcaagacgca ctgcccgtg cgagctgcgg tccccagc 1320
agccggtgtc tgtgcccggg agaagcccca gggctctgtg gcggcccccg aggaggagga 1380
cacagacccc cgtcgctgg tgcagctgct ccgccagcac agcagccctt ggcaggtgta 1440
cggcttcgtg cgggcctgcc tgcgcgggct ggtgccccca ggctctggg gctccaggca 1500
caacgaacgc cgttctctca ggaacaccaa gaagttcatc tcctggggga agcatgccaa 1560
gctctcgctg caggagctga cgtggaagat gagcgtgcgg gactgcgctt ggctgcgcag 1620
gagcccaggg gttggctgtg ttccggccgc agagcacctg ctgcgtgagg agatcctggc 1680
caagttcctg cactggctga tgagtgtgta cgtcgtcgag ctgctcagggt ctttctttta 1740
tgtcacggag accacgtttc aaaagaacag gctctttttc taccggaaga gtgtctggag 1800
caagttgcaa agcattggaa tcagacagca cttgaagagg gtgcagctgc gggagctgtc 1860
ggaagcagag gtcaggcagc atcgggaagc caggccccgc ctgctgacgt ccagactccg 1920
cttcatcccc aagcctgacg ggctgcggcc gattgtgaac atggactacg tcgtgggagc 1980
cagaacgttc cgcagagaaa agagggccga gcgtctcacc tcgaggggtga aggcactggt 2040
cagcgtgctc aactacgagc gggcgcgcg ccccgccctc ctgggcgct ctgtgctggg 2100
cctggacgat atccacagg cctggcgcac cttcgtgctg cgtgtgcggg ccagggaccc 2160
gccgcctgag ctgtactttg tcaaggtgga tgtgacgggc gcgtacgaca ccatccccc 2220

ggacaggctc	acggagggtca	tcgccagcat	catcaaacc	cagaacacgt	actgcggtgcg	2280
tcggtatgcc	gtggtccaga	aggccgccc	tgggcacgtc	cgcaaggcct	tcaagagcca	2340
cgtctctacc	ttgacagacc	tccagccgta	catgcgacag	ttcgtggctc	acctgcagga	2400
gaccagcccg	ctgagggatg	ccgtcgtcat	cgagcagagc	tcctccctga	atgaggccag	2460
cagtggcctc	ttcgacgtct	tcctacgctt	catgtgccac	cacgccgtgc	gcatcagggg	2520
caagtcctac	gtccagtgcc	aggggatccc	gcagggtccc	atcctctcca	cgctgctctg	2580
cagcctgtgc	tacggcgaca	tggagaacaa	gctgtttgcg	gggattcggc	gggacgggct	2640
gctcctgcgt	ttggtggatg	atctcttggt	ggtgacacct	cacctacccc	acgcgaaaac	2700
cttcctcagg	accctgggtc	gaggtgtccc	tgagtatggc	tgcgtgggtga	acttgcgga	2760
gacagtgggtg	aacttccctg	tagaagacga	ggccctgggt	ggcacggctt	ttgttcagat	2820
gccggccccc	ggcctattcc	cctggtgctg	cctgctgctg	gatacccgga	ccctggaggt	2880
gcagagcgac	tactccagct	atgcccgga	ctccatcaga	gccagtctca	ccttcaaccg	2940
cggcttcaag	gctgggagga	acatgcgtcg	caaactcttt	ggggtcttgc	ggctgaagtg	3000
tcacagcctg	tttctggatt	tgcaggtgaa	cagcctccag	acggtgtgca	ccaacatcta	3060
caagatcctc	ctgctgcagg	cgtacaggtt	tcacgcatgt	gtgctgcagc	tcccatttca	3120
tcagcaagtt	tggagaacc	ccacattttt	cctgcgcgtc	atctctgaca	cggcctccct	3180
ctgctactcc	atcctgaaag	ccaagaacgc	agggatgtcg	ctggggggcca	agggcgcgcg	3240
cggccctctg	ccctccgagg	ccgtgcagtg	gctgtgccac	caagcattcc	tgtcaagct	3300
gactcgacac	cgtgtcacct	acgtgccact	cctgggggtca	ctcaggacag	cccagacgca	3360
gctgagtcgg	aagctcccg	ggacgacgct	gactgccctg	gaggccgcag	ccaaccggc	3420
actgccctca	gacttcaaga	ccatcctgga	ctgatggcca	cccggccaca	gccaggccga	3480
gagcagacac	cagcagccct	gtcacgccgg	gctctacgtc	ccaggaggag	aggggcggcc	3540
cacacccagg	ccgcgaccgc	tgggagtcgt	aggcctgagt	gagtgtttgg	ccgaggcctg	3600
catgtccggc	tgaaggctga	gtgtccggct	gaggcctgag	cgagtgtcca	gccaagggtc	3660
gagtgtccag	cacacctgcc	gtcttcactt	ccccacaggc	tggcgctcgg	ctccacccca	3720
gggccagctt	ttcctcacca	ggagcccggc	ttccactccc	cacataggaa	tagtccatcc	3780
ccagattcgc	cattgttcac	ccctcgccct	gccctccttt	gccttccacc	cccaccatcc	3840
aggtggagac	cctgagaagg	accctgggag	ctctgggaat	ttggagtgc	caaagggtgtg	3900
ccctgtacac	aggcgaggac	cctgcacctg	gatgggggtc	cctgtgggtc	aaattggggg	3960
gaggtgctgt	gggagtaaaa	tactgaatat	atgagttttt	cagttttgaa	aaaaa	4015